

Title (en)
DEVICE FOR TREATING VENOUS INSUFFICIENCY AND VARICOSE VEINS

Title (de)
VORRICHTUNG ZUR BEHANDLUNG VON VENENINSUFFIZIENZ UND KRAMPFADERN

Title (fr)
DISPOSITIF POUR TRAITER LES INSUFFISANCES VEINEUSES ET VEINES VARIQUEUSES

Publication
EP 2841140 A2 20150304 (EN)

Application
EP 13720834 A 20130418

Priority
• EP 13720834 A 20130418
• EP 12165246 A 20120424
• EP 2013058066 W 20130418

Abstract (en)
[origin: EP2656869A1] One larger [1] and one smaller tube [2], forming a functional unit with the smaller tube [2] positioned within the larger tube [1], both tubes are relocatable and demountable, both tubes with an aperture [3 and 4] at both ends, at least one aperture [5] being provided in the wall of the outer tube located at a distance of about between 1 mm and 10 cm from the tip [6], or several apertures positioned in a segment of 1 - 250 mm from the tip, wherein the diameter of the single aperture is between 70% and 120% of the inner diameter of the outer tube [1], or in case of several apertures, for each aperture 30 - 60% of the inner diameter of the outer tube. wherein the outer diameter of the inner tube is between 0.6 mm and 2.0 mm (F2 to F6), the outer diameter of the outer tube is between 1.3 mm and 3.6 mm (F4 to F11), and the distance between the outer wall of the inner tube and the inner wall of the outer tube is between 0.1 mm to 3.0 mm.

IPC 8 full level
A61M 25/01 (2006.01); **A61B 17/00** (2006.01); **A61B 17/12** (2006.01)

CPC (source: EP US)
A61B 17/00491 (2013.01 - EP US); **A61B 17/12131** (2013.01 - EP US); **A61B 17/12186** (2013.01 - EP US); **A61K 9/122** (2013.01 - US); **A61K 31/08** (2013.01 - EP US); **A61K 47/02** (2013.01 - US); **A61K 47/32** (2013.01 - US); **A61M 1/85** (2021.05 - US); **A61M 25/007** (2013.01 - EP US); **A61M 25/01** (2013.01 - EP US); **A61M 2025/0006** (2013.01 - EP US); **A61M 2025/0175** (2013.01 - EP US); **A61M 2202/02** (2013.01 - US); **A61M 2210/12** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2656869 A1 20131030; **EP 2656869 B1 20201014**; EP 2841140 A2 20150304; EP 2841140 B1 20240110; EP 2841140 C0 20240110; ES 2843482 T3 20210719; ES 2973330 T3 20240619; US 11529451 B2 20221220; US 2015088051 A1 20150326; WO 2013160180 A2 20131031; WO 2013160180 A3 20140227

DOCDB simple family (application)
EP 12165246 A 20120424; EP 13720834 A 20130418; EP 2013058066 W 20130418; ES 12165246 T 20120424; ES 13720834 T 20130418; US 201314396690 A 20130418